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(54) **SYSTEM AND METHOD FOR MONITORING A COMMUNICATION CHANNEL AND DISPLAYING INFORMATION**

(57) A system and method for monitoring a communication channel and displaying information. A signal is received via the communication channel and signal information is extracted from the signal. The signal information

is monitored for a predetermined indicator. Selected information is extracted from the signal information when the predetermined indicator is detected in the signal information and then displayed.

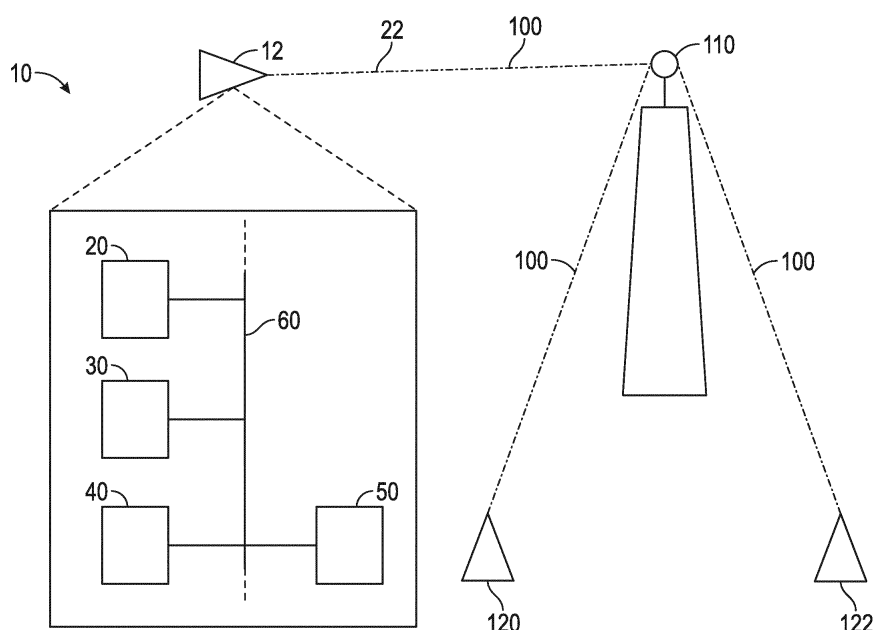


FIG. 1



EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	EP 2 584 549 A1 (BOEING CO [US]) 24 April 2013 (2013-04-24) * paragraphs [0001], [0002], [0004], [0005], [0007] - [0010], [0013] - [0017], [0026] - [0031], [0039], [0040], [0050], [0053]; figure 2 * -----	1-3	INV. G08G5/00 G01C23/00
			TECHNICAL FIELDS SEARCHED (IPC)
			G08G G01C
2 The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		1 June 2017	Fagundes-Peters, D
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):

☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.

☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.

☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:

☒ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

2, 3(completely); 1(partially)

☐ The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



LACK OF UNITY OF INVENTION
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Application Number

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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 2, 3(completely); 1(partially)

A system for monitoring a communication channel comprising a receiver to receive a signal, a processor to extract information from the signal, a monitor to extract selected information corresponding to a predetermined indicator and a display to display the selected information, wherein a symbol corresponding to the predetermined indicator is displayed on a location on a map.

2. claims: 4(completely); 1(partially)

A system for monitoring a communication channel comprising a receiver to receive a signal, a processor to extract information from the signal, a monitor to extract selected information corresponding to a predetermined indicator and a display to display the selected information, wherein the selected information includes an identifier associated with the source of information.

3. claims: 5(completely); 1(partially)

A system for monitoring a communication channel comprising a receiver to receive a signal, a processor to extract information from the signal, a monitor to extract selected information corresponding to a predetermined indicator and a display to display the selected information, wherein the indicator includes the aircraft call sign.

4. claims: 7, 8(completely); 6(partially)

A method for monitoring a communication channel comprising receiving a signal, extracting information from the signal, monitoring the information for a predetermined indicator, extracting the related information and displaying the information, wherein the method further comprises transcribing communications transmitted over the channel using speech recognition and providing a history thread of all communications over the channel.

5. claims: 9(completely); 6(partially)

A method for monitoring a communication channel comprising receiving a signal, extracting information from the signal, monitoring the information for a predetermined indicator, extracting the related information and displaying the information, wherein the method further comprises

**LACK OF UNITY OF INVENTION
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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

prioritizing the selected information based on the indicator.

6. claims: 10(completely); 6(partially)

A method for monitoring a communication channel comprising receiving a signal, extracting information from the signal, monitoring the information for a predetermined indicator, extracting the related information and displaying the information, wherein the method further comprises prioritizing the information based on the flight path.

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82